

The Hongkong Telegraph.

No. 2158.

THURSDAY, FEBRUARY 14, 1889.

SIX DOLLARS
PER QUARTER

Banks.

THE NEW ORIENTAL BANK CORPORATION, LIMITED.
AUTHORISED CAPITAL £1,000,000.
PAID-UP CAPITAL 500,000.
Registered Office, 40, THREADNEEDLE STREET, LONDON.

BRANCHES IN INDIA, CHINA, JAPAN AND THE COLONIES.

THE BANK receives MONEY ON DEPOSIT, Buys and Sells Bills OF EXCHANGE, ISSUES LETTERS OF CREDIT, forwards, BILLS FOR COLLECTION, and Transacts Banking and Agency Business generally, on terms to be had on application.

INTEREST ALLOWED ON DEPOSITS:

Fixed for 12 months, 5 per Cent. per Annum.

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ON CURRENT DEPOSIT ACCOUNTS 2 per Cent. per Annum on the Daily Balance.

APPROVED CLAIMS on the ORIENTAL BANK CORPORATION, in Liquidation, or the BALANCES of such claims, purchased on advantageous terms.

AGENCY OF THE NATIONAL LIFE ASSURANCE SOCIETY.

E. W. RUTTER,
Manager.

HONGKONG BRANCH.

HONGKONG AND SHANGHAI BANKING CORPORATION.

PAID-UP CAPITAL \$7,500,000.

RESERVE FUND 4,000,000.

RESERVE "LIABILITY OF PROPRIETORS" 7,500,000.

COURT OF DIRECTORS:

CHAIRMAN—Hon. JOHN BELL-IRVING.

DEPUTY CHAIRMAN—W. H. FORBES, Esq.

C. D. BOTTOMLEY, Esq. | S. C. MICHAELSEN, Esq.

W. G. BRODIE, Esq. | J. S. MOSE, Esq.

H. L. DALRYMPLE, Esq. | L. POESECKER, Esq.

J. F. HOLLIDAY, Esq. | N. A. SIRE, Esq.

B. LAYTON, Esq. | E. A. SOLOMON, Esq.

CHIEF MANAGER,

HONGKONG—G. E. NOBLE, Esq.

MANAGER.

SHANGHAI—EWEN CAMERON, Esq.

LONDON BANKERS—LONDON AND COUNTY BANK.

HONGKONG—INTEREST ALLOWED.

ON CURRENT DEPOSIT ACCOUNT at the rate of 2 per cent. per Annum on the daily balance.

ON FIXED DEPOSITS:

For 3 months, 3 per Cent. per Annum.

For 6 months, 4 per Cent. per Annum.

For 12 months, 5 per Cent. per Annum.

LOCAL BILLS DISCOUNTED.

CREDITS granted on approved Securities, and every description of BANKING and EXCHANGE business transacted.

DRAFTS granted on London, and the chief commercial places in Europe, India, Australia, America, China and Japan.

G. E. NOBLE,
Chief Manager.

Hongkong, 1st January, 1889.

RULES
OF THE
HONGKONG SAVINGS
BANK.

1.—THE BUSINESS of the above BANK will be conducted by the HONGKONG AND SHANGHAI BANKING CORPORATION, on their premises in Hongkong. Business Hours on WEEK-DAYS, 10 to 1; SATURDAYS, 10 to 1.

2.—SUMS LESS THAN \$1, OR MORE THAN \$50 at one time will not be received. No Depositor may deposit more than \$1,000 in any one year.

3.—DEPOSITORS in the SAVINGS BANK, having \$100, or more, at their credit may at their option transfer the same to the HONGKONG AND SHANGHAI BANKING CORPORATION on fixed deposit for 12 months at 5 per cent per annum interest.

4.—INTEREST at the rate of 3% per annum will be allowed to Depositors on their daily balances.

5.—EACH DEPOSITOR will be supplied gratis with a PASS-BOOK, which must be presented with each payment or withdrawal. Depositors must not make any entries themselves in their PASS-BOOKS, but should send them to be written up at least twice a year, about the beginning of January and beginning of July.

6.—CORRESPONDENCE as to the Business of the Bank, if marked ON HONGKONG SAVINGS BANK BUSINESS, will be forwarded free by the various British Post Offices in Hongkong and China.

7.—WITHDRAWALS may be made demand, but the personal attendance of the Depositor or his duly appointed Agent, and the production of his PASS-BOOK, are necessary.

FOR THE HONGKONG AND SHANGHAI BANKING CORPORATION,
G. E. NOBLE,
Chief Manager.

Hongkong, 1st January, 1889.

NOTICE.

HONGKONG & WHAMPOA DOCK COMPANY, LIMITED.

SHIPMasters AND ENGINEERS are respectfully informed that, if upon their arrival in this HARBOUR none of the COMPANY'S FOREMEN should be at hand, ORDERS FOR REPAIRS, if sent to the HEAD OFFICE, No. 14, Praya Central, will receive prompt attention.

In the event of complaints being found necessary, communication with the Undersigned is requested; when immediate steps will be taken to rectify the cause of dissatisfaction.

D. GILLIES,

Secretary.

Hongkong, 25th August, 1888.

Intimations.

W. BREWER.

HAS just received and is showing in his New Store, opposite HONGKONG HOTEL,
NEW LADIES' WALKING SHOES, French
BOOTS.
NEW CHILDREN'S SHOES and BOOTS.
NEW LADIES' TENNIS SHOES.
NEW MEN'S.
MEN'S, CALF and KID SHOES.
BOOTS.

All very reasonable in price.
NEW FRENCH BOOKS.

W. BREWER'S
CHEAP PRINTING OFFICE,
Opposite HONGKONG HOTEL.

Large consumers of paper should apply for wholesale prices at this Store which will be found
cheaper than importing it direct.

Hongkong, 12th January, 1889.

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KELLY & WALSH, LTD.

SWEET CAPORAL CIGARETTES.

Kinney's Straight Cut Cigarettes.

Richmond Straight Cut Cigarettes.

Cope's Golden Cloud Tobacco.

Will's Three Castles Tobacco.

Allen and Ginter's Old Rip.

"Happy Thought"—Medium Strength.

"Dollar Brand"—Full Strength.

"Star Mixture"—Mild.

"Golden Eagle"—Medium Strength.

Richmond Green Cut Cut.

A very fine assortment of Meerschaum.

Briar Root and Asbestos Pipes.

Cigar and Cigarette Cases, in Russia, Morocco, and Calif.

POWERFUL FIELD GLASSES.

CHEAP RACE GLASSES.

HANDSOMELY MOUNTED OPERA GLASSES.

KELLY & WALSH, LIMITED.

QUEEN'S ROAD CENTRAL, HONGKONG.

Hongkong, 14th February, 1889.

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THE HALL & HOLTZ CO-OPERATIVE COMPANY, LIMITED.

RACING JACKETS and CAPS, RIDING BOOTS and TOPS,

RIDING BREECHES, SADDLERY, and all STABLE

REQUISITES, CHAMPAGNES, WHISKIES,

&c., &c., &c.

TWEED SUITINGS,

COATINGS, TROUSERINGS,

HOSEIERY, SHIRTS, COLLARS, SCARFS,

TIES, GLOVES, HATS, &c. The most Extensive

and Fashionable.

HALL & HOLTZ CO-OPERATIVE LTD.

Hongkong, 12th February, 1889.

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A. HAHN,
PIANO TUNER AND REPAIRER.
ON HIRE
PIANOS
FOR SALE
Address: 10 HONGKONG HOTEL or No. 28, ELGIN STREET.
Hongkong, 24th December, 1888.

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W. POWELL & CO.

EX S.S. "SHANNON."

OUR FIRST DELIVERIES OF

LADIES' and GENTLEMEN'S RAIN COATS and MACINTOSHES.

LEGGINGS and GOLOSHES.

W. POWELL & CO.
Victoria Exchange, Hongkong, 13th February, 1889.

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ROBERT LANG & CO.,
TAILORS, HATTERS, SHIRTMAKERS, AND GENTLEMEN'S OUTFITTERS.
HAVE RECEIVED THEIR SECOND DELIVERY

OF
WINTER COATINGS—TWEED, and DRESS SUITING, TROUSERINGS, and
ULSTER TWEEDES.

A very stylish selection.
OUR OUTFITTING STOCK IS ALSO COMPLETE IN SEASONABLE GOODS.
QUEEN'S ROAD (Opposite HONGKONG HOTEL)

Hongkong, 14th January, 1889.

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LANE, CRAWFORD & CO.

HAVE A FULL STOCK OF

SADDLERY AND STABLE SUNDRIES

Suitable for the training season.

NICHOLLS'S BEST RACING SADDLES

Jockey Whips, Light Racing Reins, &c., &c., Black and Brown Pony Harness.

Driving Gloves, Knitted Gloves with Leather Fingers, Mittens, Cardigan JACKETS, Carriage

Wraps and Warm Clothing of all kinds suitable for Early Morning Wear at Kaco Corner, Main

Costa, Umbrellas and Rubber Over-shoes, Riding Boots and Tops.

Orders now being taken for Racing Colours.

LANE, CRAWFORD & CO.

Agents for the English Superintendents

Hongkong, 13th February, 1889.

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Amusements.

MADAME KORFF and

MDLLE. MAILLARD

will give another

CONCERT

ON

MONDAY EVENING,

the 18th instant.

Tickets to be had at Messrs. LANE, CRAWFORD

& Co., Price, \$2.

Hongkong, 13th February, 1889.

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THEATRE ROYAL,

CITY HALL HONGKONG.

THE HONGKONG CHORAL SOCIETY

will repeat

GILBERT & SULLIVAN'S OPERETTA

"IOLANTHE".

ON

SATURDAY,

the 23rd February, 1889.

Doors open at 8.30 P.M. Performance to

commence at 9 O'CLOCK P.M.

Tickets may be obtained from Messrs. LANE, CRAWFORD & Co. on MONDAY, 18th instant, at 9 A.M.

Tickets for Back Seats of the Stalls on the evening of

the Performance—Price, \$1.

R. LYALL,
Hon. Secretary.

Hongkong, 11th February, 1889.

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For Sale.

IMPORTANT INTIMATION.

NOW READY.

(PUBLISHED BY AUTHORITY.)

THE HONGKONG DIRECTORY AND HONG LIST FOR THE FAR EAST, A DIRECTORY AND WORK OF REFERENCE ON ALL IMPORTANT LOCAL SUBJECTS FOR CHINA, JAPAN, THE STRAITS SETTLEMENTS, SIAM, INDO-CHINA, NORTH BORNEO, THE PHILIPPINES, AND CORSA, FOR THE YEAR 1889.

PRICE THREE DOLLARS.

THE HONGKONG DIRECTORY has again been enlarged and is THE CHEAPEST, MOST COMPLETE, AND ONLY RELIABLE WORK OF THE KIND PUBLISHED IN THE FAR EAST.

THE above named work, published at the Office of "THE HONGKONG TELEGRAPH," contains a Directory for the Ports in the large portion of Asia comprised between Penang, in the Straits Settlements, and the Northern Chinese Ports, including Vladivostock, Formosa, the Treaty Ports of China and Japan, Cochin-China, the Philippine Islands, Corea, British North Borneo, the British Colony of Hongkong, and the Portuguese Colony of Macao. It also contains the Principal Treaties between European countries and the United States and the countries East of the Straits, including the Treaties and Conventions between China and Great Britain, France, Germany, Russia, the United States of America, Brazil, Japan, Peru, Spain, and Portugal; together with conditions of Trade, and the Port, Customs, Consular, and Harbour Regulations for the Ports of China and Japan; also descriptions of the various Ports, with the latest Trade Statistics taken from the Reports of the Imperial Maritime Customs and other reliable sources.

The various Governments and Municipal Corporations, and all Public Bodies and Companies, Bankers, Merchants, Consuls, Professional men, and other Residents, have supplied the necessary matter, upon forms specially sent for that purpose so as to ensure accuracy. The Naval and Military portions have been taken from the latest published official lists and revised at Head-quarters; in fact, no pains have been spared to make "THE HONGKONG DIRECTORY AND HONG LIST FOR THE FAR EAST" a handy, and perfectly reliable book of reference for all classes.

In addition to the information enumerated above "THE HONGKONG DIRECTORY AND HONG LIST FOR THE FAR EAST" for 1889 contains a carefully revised INDEX TO THE ORDINANCES OF HONGKONG.

A SPECIAL LIST OF FOREIGNERS employed in Steamers making short voyages from Hongkong:

THE PRIVATE RESIDENCES of the Principal Government Officials, the Leading Merchants, the Foreign Consuls, Professional Men, Justices of the Peace, &c.

A LADIES DIRECTORY FOR HONGKONG:

The latest and only reliable PLAN OF THE CITY OF VICTORIA, showing the proposed Reclamations and all recent additions and improvements, AND

A Mass of interesting information on various subjects, culled from the most trustworthy sources.

A SPECIAL FEATURE IN THIS PUBLICATION WILL BE A CHAPTER ON SPORT (amended and corrected to date) dealing with almost every branch of the subject including RACING, CRICKET, ATHLETICS, AQUATICS, &c., &c., &c.

THE WINNERS of all IMPORTANT RACES at HONGKONG, SHANGHAI, FOOCHEW, and AMOY, with times, and other interesting particulars, carefully compiled from the most reliable sources, make "THE HONGKONG DIRECTORY AND HONG LIST FOR THE FAR EAST," a *vade mecum* for all classes of sportsmen.

"THE HONGKONG DIRECTORY AND HONG LIST FOR THE FAR EAST" for 1889 is Printed on a superior quality of Paper, and is the best printed and most handsomely bound volume published East of the Sun Canal.

"THE HONGKONG DIRECTORY AND HONG LIST FOR THE FAR EAST," is ordered that it may circulate extensively outside this Colony, is published at a POPULAR PRICE, and can be ordered at This Office, or through any of our Agents at the various Ports, for

THREE DOLLARS.

There is not space in the compass of an ordinary advertisement to detail all the information introduced into the work, but it may be fairly asserted that no such directory has ever been published, either in Hongkong or any other part of the East, at such a low price.

"THE HONGKONG DIRECTORY AND HONG LIST FOR THE FAR EAST" offers Special Advantages as an Advertising Medium. It has an extensive circulation in all Ports between Singapore and Newchwang, in the Australasian Colonies, the United States, and the United Kingdom, and the scale of charges has been fixed at an exceptionally low rate. Terms can be learned on application.

Suggestions for the improvement of this work are respectfully solicited.

Orders for COPIES, and for ADVERTISEMENTS may be sent to the Agents at the various Ports, or to the Office of

"THE HONGKONG TELEGRAPH," PEDDER'S HILL, HONGKONG.

Hongkong, 7th January, 1889.

Intimations.

DAKIN BROS. OF CHINA
L I M I T E D,
C H E M I S T S.

N A T U R A L M I N E R A L W A T E R S

A E S C U L A P M I N E R A L W A T E R
D I R E C T F R O M T H E S P R I N G.
A Pure and Palatable Aperient.

It is recommended for the following reasons. It is richer in Sodium and Magnesium salts, and therefore a smaller dose is required than with any other Aperient Water.

It is less unpleasant to take and is painless in its action.

It is perfectly safe for children or for persons of weak constitution.

HUNYADI JANOS
M I N E R A L W A T E R,
Q U A R T S A N D P I N T S.

F R I E D E R I C H S H A L L

V I C H Y, C E L E S T I N S,
&c., &c., &c.

(Telephone No. 60.)

22, QUEEN'S ROAD CENTRAL,

Hongkong, 11th February, 1889.

A. S. WATSON & C O., L T D.,

E s t a b l i s h e d A.D. 1841.

F A M I L Y, D I S P E N S I N G, & G E N E R A L C H E M I S T S.

W H O L E S A L E A N D R E T A I L D R U G G I S T S,

P E R F U M E R S.

I m p o r t e r s a n d E x p o r t e r s o f M A N I L A C I G A R S,

S E E D S M E N.

W I N E a n d S P I R I T M E R C H A N T S.

P A T E N T M E D I C I N E P R O P R I E T O R S

a n d

M A N U F A C T U R E R S o f A E R A T E D W A T E R S.

B U S I N E S S A D D R E S S E S :

T H E H O N G K O N G D I S P E N S A R Y,

H O N G K O N G.

T H E S H A N G H A I D I S P E N S A R Y,

S H A N G H A I.

T H E H O N G K O N G D I S P E N S A R Y,

T I E N T S I N.

T H E B O T I C A I N G L E S A, M A N I L A.

T H E H O N G K O N G D I S P E N S A R Y, H A N K O W.

T H E D I S P E N S A R Y, F O O C H O W .

T H E C A N T O N D I S P E N S A R Y, C A N T O N,

H o n g k o n g, 18th January, 1889.

W e extract the following additional particulars of the shipwreck of the Spanish troopship *Remus* from the Manila *Diario* of the 9th inst. Only eight minutes elapsed between the shock and the sinking of the vessel. The confusion on board was beyond control. A rush was made for the boats; the ropes were cut, and the passengers precipitated themselves into the boat regardless of the danger of capsizing them. The first boat, containing the Commander of Police and a Franciscan friar, coming into contact with the blades of the ship's propeller, immediately capsized. The Captain of the *Remus* lost no time in throwing overboard all he could lay hand on, to help those struggling in the water to float. Lieut. Col. Tamayo who was in his cabin when the shock was felt, rushed on deck, and finding that the passengers were overcrowding the boats, fired a shot from his revolver and obtained sufficient submission to enable him, in conjunction with the Captain, to organise an orderly landing of the remaining passengers. The two last boats had barely left the ship when she gradually sank stern foremost. There were lots of people forward; the Captain ordered them to strip and jump overboard as there was no more hope of rescue. Many obeyed, but a good number remained on board and went down with the ship. The Captain, who was the last to leave the ship, held on to one of the boats, unwilling to increase her weight by getting inside. The boats and the swimming portion of the shipwrecked passengers made for the shores of Maripipi, and half an hour were housed and treated with great hospitality by the natives. The boats returned to the scene of the wreck in search of victims and their effects, and continued the search for the whole of the next day. The following were reported missing: The two last boats had barely left the ship when she gradually sank stern foremost. There were lots of people forward; the Captain ordered them to strip and jump overboard as there was no more hope of rescue. Many obeyed, but a good number remained on board and went down with the ship. The Captain, who was the last to leave the ship, held on to one of the boats, unwilling to increase her weight by getting inside. The boats and the swimming portion of the shipwrecked passengers made for the shores of Maripipi, and half an hour were housed and treated with great hospitality by the natives. The boats returned to the scene of the wreck in search of victims and their effects, and continued the search for the whole of the next day. 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Shakespeare's Cliff and Flamborough Head took 6,400,000 years. Professor Huxley ("Lay Sermons") says, referring to Norwich:—"The area on which we now stand has been first sea and then land for at least four alternations, and has remained in each of these conditions for a period of great length... The chalk is vastly older than Adam himself, and crocodiles abounded long ages before chalk was deposited."

On the chalk are stumps of trees, as they grew—firs, oaks, yews, beeches, and alders, some of them three feet in diameter; and remains of elephants and of other great wild beasts." Huxley finds it impossible to say when the chalk sea ended its existence, and left the chalk as we find it; but he considers the formations in which the remains of extinct generations of men have been found are not older than the drift, or boulder clay. "Since the chalk was deposited, the Pyrenees, Alps, Himalayas and Andes have appeared, and the cretaceous sea flowed over the sites of Sinai and Ararat. Before the chalk was deposited all the great classes of animals, beasts of the field, and things that dwelt in the water flourished on the globe long ages."

Philological arguments are also abundant as confirmatory of the antiquity of the earth. The Duke of Argyll says: "Those who have studied the growth of languages are lost in conjecture as to the lapse of time which may probably have been required for the wonderful creation of human speech." The philologist in the earliest history finds languages not only completed, arrived at a state of maturity, but bearing marks of long and gradual development through ages of the mind's progress. Chevalier Bunson estimates the time required to form the Chinese language at 5,000 years, begun some 22,000 years back. Our own family of languages—the Indo-European—he supposes to have been gradually formed since so recent a time as 9,000 years ago, while for the Turanian he grants 17,000 years. "The English language," says Cattell, afford an excellent source of study to those who watch the growth of speech. Let them compare the words introduced at, and since, the time of Bacon and Shakespeare with what can be found in the literature that preceded that time."

2. ORDER OF CREATION.—We now approach the other group of incongruities presented by the order according to which the Bible reports the work of the six days Creation to have been performed. Many pious exponents of the Bible have entirely waived the question of time in the work of Creation, solacing themselves with the idea expressed by Bishop Wilberforce in Rev. R. Main's "Replies to Essays and Reviews" (p. 54) that no literal historical truth can be attributed to that portion of the Pentateuch, that "Whatever be the meaning of the six days' ending with the seventh day's mystical and symbolical rest, indisputably we cannot accept them in their literal meaning. They serve, apparently, as the divisions of the record of Creation, lest the mind may be too much burdened and perplexed by all these wonderful acts." As an arbitrary interpretation, this would certainly be acceptable; but it can hardly stand the test of analysis when examined by the light of that special order or succession of events, according to which the first Chapter of Genesis purports to record the work of Creation. We have here a distinct order of things made after the creation of the heavens and the earth, an order which is directly contradicted by Geological observation and by all the data of Astronomy, Meteorology and Palaeontology.

1. The succession of creative events commences with a state of desolation, emptiness, and darkness, reigning upon the face of the deep. (Gen. i. 2). The data of Geology are very precise on this point. It has been proved that at the epoch when life appeared, the earth existed generally in the same condition it is at present. The igneous state had been earth's first condition; no life had then existed; when the crust of the globe cooled down and solidified after millions of years, no sudden convulsions or catastrophes took place sufficient to destroy all that existed and to give room to a new Creation. Hugh Miller ("Testimony of the Rocks" p. 121) says: "For many ages ere man was ushered into being, not a few of his humble contemporaries of the fields and woods enjoyed life in their present haunts, and for thousands of years, anterior even to their appearance, many of the existing mollusks lived in our seas." The Biblical record is essentially catastrophic, while Geology teams with proofs of a very gradual and natural succession of things upon earth. "When," says Draper, (Op. cit. p. 316) "it could be no longer doubted that strata many hundreds of feet in thickness were crowded with the remains of organic life, it became altogether out of the question to refer their entombment to the confusion of a single catastrophe, for everything indicated an orderly and deliberate proceeding."

2. The creation of light days before the creation of its source, the Sun, may the very creation of the heaven and the earth before the Sun was called into existence, partially indicates the ignorance of the laws of Gravitation, or of the dependence of the earth upon its parent stock. It is needless to say, the Hebrew notion of the earth was exactly similar to all the ancient notions, which figured our globe to be a flat surface, over which the sun travelled in twenty-four hours, rising in the East and setting in the West. As the earth was supposed to have no connection with the sun, in precisely the same manner light was alleged to have been created entirely independent of its undebatable source. It is also noteworthy that the day is made up of the evening and the morning, when, since the creation of light, morning should have preceded evening. This contradiction becomes all the more forcible when it is said in v. 5 "And God called the light Day, and the darkness Night." Some find an explanation in that by "evening" was meant the darkness which preceded the creation of light. But it is not clearly stated that "God divided the light from the darkness?" The darkness of night or evening is here clearly distinguished from that darkness which had previously reigned "upon the face of the deep."

3. The next thing made is the firmament to divide the waters that were beneath from the waters that were above. This is an exact reflection of the Hebrew theory of the sky being a vault, and the rainy waters being not only held in suspension but produced by it. They had no notion of the origin of rain in the evaporation of the sea and land waters. According to the mythical representation, says Tuch, (Gen. p. 21) this heavenly vault is provided with a door, Gen. xxvii. 17; it rests upon pillars and foundations, Job xviii. 17, 25. xxii. 8; and its glistening blue makes it appear as a crystal sapphire-like mass, Ex. xxiv. 10. Dan. xii. 3; or like a molten looking-glass, Job xxvii. 18. Above this vault rolls the heavenly ocean, the waters above the heavens, Ps. cxlviii. 4, wherein Jehovah has set His throne, Ps. xxix. 3, 10. Through the "doors," Ps. lxxvii. 23, and "windows," Gen. vii. 11, 2 Kings vii. 219, in the Firmament, this ocean pours down upon the earth as rain."

4. With regard to the separation of the dry land from the water, we are led to understand that at the beginning, once for all, the division between sea and continents took place, not by any upheaval of the land, but by the gathering together of all the waters into a certain place. Now, Geology teaches us that the same part of the globe was many times alternately water and dry land,

and that volcanic eruptions were the agents of these changes. As Kalisch observes (Gen. p. 60), the Mosaic segregation of the waters does not explain the formation of the strata, nor of the fossil remains of vegetables and animals—which according to the Bible did not yet exist—in the interior of the earth, nor any of the wonders which make Geology one of the most interesting and absorbing sciences."

5. The creation of the two lights after that of the Sun and Moon only appears on the fourth day, he having created them on the first. This is another twisted interpretation. The fossil remains of the animals which are found, but are not mentioned in the Bible, show that they had eyes and teeth. It is well-known that vegetable life in particular requires the light and heat of the Sun for its growth. The Bible tells us that the plants were made long before the Sun. Geology on the contrary unfolds before us the immensely long periods of luxuriant vegetation which preceded the carboniferous age. How reconcile the existence of hundreds of thousands of years of vegetal life with the total absence of the Sun's rays?

The Bible theory of the creation of the Sun is that of the earth is to us one of the clearest proofs of the ignorance the writer of Genesis laboured under with respect to the real dimensions and functions of the Sun towards the earth. Assuming the earth to be the centre of our system, it is easy to imagine the Sun to have been made after our planet. The Mosaic writer treats the stars in the same secondary way in which he records the creation of the Sun. "It is plain," says Colenso (p. 320) that the writer of this chapter had very little notion of the real magnitude of the heavenly bodies, and so he assigns one day only for the formation of the Sun, Moon, and Stars, while three or four are spent upon the Earth alone. . . . And the Stars, those points of light, he regarded, no doubt, as a small addition to the greatest luminaries, without having the least idea that each one of their glorious host,—which Astronomy shows to be infinitely more numerous than he could have supposed,—was itself a mighty Sun, though placed at an immense distance from us, in comparison with whose bulk that of our earth would shrink into nothing."

6. Then as to the order in which the living beings, vegetable and animal, were created, we are told that Plants were made first, then Fish and Fowl, then Cattle and Repiles, and finally Man. Had such really been the succession of creations, the fossil remains found would have exactly corresponded to this order. But Palaeontology can be attributed to that portion of the Pentateuch, that "Whatever be the meaning of the six days' ending with the seventh day's mystical and symbolical rest, indisputably we cannot accept them in their literal meaning. They serve, apparently, as the divisions of the record of Creation, lest the mind may be too much burdened and perplexed by all these wonderful acts."

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